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(54) Title: SATELLITE SIMULATION MODEL SYSTEM BASED ON INTERFACE STANDARD MODEL
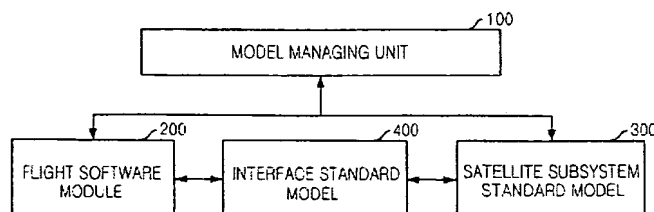
[Fig. 2]
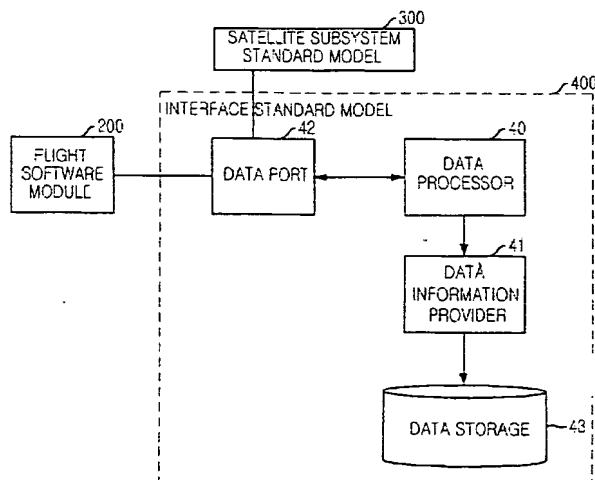
(57) Abstract: A satellite simulation model system
based on an interface standard model is disclosed.
The system includes a satellite subsystem standard
model for simulating operations of physical satellite
subsystems; a flight software module for generating
a control signal changing operation state of the
satellite subsystem standard model; an interface
standard model for converting data transmitted from
the satellite subsystem standard model and the flight
software module into data to receiving components
and transmitting the converted data to the receiving
components; and a model managing unit for
generating the satellite subsystem standard model
and the interface standard model as independent
component objects and controlling each component
object to perform satellite simulation.

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